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No. 47] NEW DELHI, SATURDAY, NOVEMBER 19, 1977 (KARTIKA 28, 1899)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 19th November 1977

APPLICATION FOR PATENTS FILED AT THE
HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

13th October 1977

1504/Cal/77 Diamond Shamrock Corporation. Flowable, aqueous pesticide compositions of improved activity.

1505/Cal/77 Tsurumi Soda Co Ltd Apparatus for expanding, destroying and softening structures animal and vegetable fibrous materials

1506/Cal/77 Nitto Boseki Co Ltd. Air nozzle assembly for use in apparatus for producing glass fibers

1507/Cal/77. Chinoin Gyogyszer ES Vegyeszeti Termek Gyar R T Cyclodextrin-indomethacin inclusion complexes process for the preparation thereof and pharmaceutical compositions comprising the same.

1508/Cal/77 G I Grishaev and N I Tsygankin Device for applying cement to electric bulb base

1509/Cal/77. Metallgesellschaft A G Process of regenerating laden absorbents

1510/Cal/77. Societa Italiana Telecomunicazioni Siemens Sp A Resonator for microwave systems.

337GI/77

14th October 1977

1511/Cal/77. Aldo Bugnone. Moulding for rotary cylinders, particularly in a printing press

1512 Cal 77 Showa Denko K K. Method for manufacture of waterblast high carbon ferrochromium shot

1513/Cal 77 Inco Europe Limited. Process for electroplating onto a polymer-containing material [Addition to No 142485].

1514/Cal/77. Ato Chimie Process for manufacturing thermoplastic compositions and containers made of such compositions

15th October 1977

1515/Cal/77. Western Electric Company, Incorporated Method and apparatus for shaping elongated workpieces (February 18, 1977)

1516/Cal/77. Chong Min Ho. Improvements in or relating to a continuous automatic weighing machine

1517/Cal 77 Mundipharma AG An ultra-violet filtration with certain aminosaliclic acid esters. [Divisional date March 29, 1977].

17th October 1977

1518/Cal/77 Davy-Loewy Limited Shear (October 18, 1976)

1519/Cal/77. J D Clifton Novel mesh fabric and wig and hairpiece made therefrom (October 18, 1976)

1520/Cal/77 Pannal Banerjee. Static phase angle detector and synchronism check device.

1521/Cal/77 A Gulati A device for cooking food in an economic way

APPLICATION FOR PATENTS FILED AT THE
(BOMBAY BRANCH)

5th October 1977

289/Bom/77 Platewell Processes & Chemicals Ltd Magnetic drive seal-less pump

ALTERATION OF DATE

143409 }
602/Cal/77. } Ante-dated 22nd July, 1974

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents on any of the applications concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8 Kiran Shankar Roy Road, Calcutta in due course. The price of each specification is Rs 2/- (postage extra is sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 35F & 152E 143389

Int. Cl.-C08h 13/00, C04b 35/00

A FINDER COMPOSITION REFRACTORY MOLDING COMPOSITION CONTAINING SAID BINDER COMPOSITION

Applicant GENERAL REFRACTORIES COMPANY, OF 50 MONUMENT ROAD, BATA CYNWYD, PENNSYLVANIA 19004, USA

Inventors GRANT MORRELL FARRINGTON, ALFRED HENRY FOFSEL AND JAMES DONALD HARRIS

Application No 2449/Cal/74 filed November 7, 1974

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta

14 Claims No drawings

A binder composition for binding refractory particles comprising

(a) 10% to 40% by weight pitch;

(b) 25% to 80% by weight of an aqueous solution of a water soluble resin said solution containing from 40% to 60% by weight of said water soluble resin and

(c) 10% to 35% by weight of an organic solvent solution of a thermosetting polymer, said solution containing from 60% to 100% by weight of said thermosetting polymer

CLASS 134A & D 143390

Int. Cl.-B601 15/00

ELECTRICAL VEHICLES

Applicant JOSEPH LUCAS (INDUSTRIES) LIMITED, OF GREAT KING STREET, BIRMINGHAM, ENGLAND.

Inventor MAURICE JAMES WRIGHT.

Application No 1389/Cal/74 filed June 22, 1974

Convention date June 30, 1973 (31313/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta

8 Claims

An electrical vehicle having a storage battery a traction motor at least one control pedal, means operated by said control pedal and generating a control voltage signal dependent on the position of said control pedal, motor current control means sensitive to said control voltage signal for controlling the motor current, contactor-operating means sensitive to said control voltage signal for controlling the motor current contactor-operating means sensitive to said control voltage signal and contactor means operable by said contactor-operating means and serving to vary the effective connections between the motor, the battery and said current control means to provide either forward drive or regenerative braking

CLASS 32B & F & 40F & H

143391

Int. Cl.-C10k 1/10, 1/14, C07c 7/02,

C07c 15/02 & 15/24

PROCESS FOR THE ISOLATION OF CRUDE BENZOL AND NAPHTHALENE FROM THE WASHING OIL FORMED DURING THE RECOVERY OF NAPHTHALENE AND/OR BENZOL FROM COKE-OVEN GAS

Applicant DR C OTTO & COMP GMBH., OF BOCHUM, WEST GERMANY.

Inventor DR HANSJUEGEN ULLRICH

Application No. 2483/Cal/74 filed November 11, 1974

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

7 Claims.

A process for the isolation of benzol, toluene and xylene (hereinafter designated as crude benzol) and naphthalene from the washing oil formed during the recovery of naphthalene and/or benzol from coke-oven gas, in which the volatile constituents such as herein described are stripped from the washing oil by means of steam and the volatile constituents stripped by the steam are fed through at least two serially connected exchange columns before the head product comprising benzol and steam is condensed, said exchange columns being fed with reflux of different media as described herein and isolating the crude benzol and naphthalene by phase separation in a manner as herein described.

CLASS 112F & 113-I

143392.

Int. Cl. F21m 3/00, 13/00.

LAMP ASSEMBLY

Applicant THE LUCAS ELECTRICAL COMPANY LIMITED OF WELL STREET, BIRMINGHAM, ENGLAND.

Inventor GEORGE JOSEPH WHITNEY

Application No 90 Cal/75 filed January 15, 1975

Convention date January 29, 1974/(03985/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Calcutta

6 Claims.

A lamp assembly comprising a hollow body including a lens element, first and second reflectors carried by the hollow body, the lens element overlying both of the first and second reflectors a support member, first means adjustably mounting the body on the support member, and second means adjustably mounting the second reflector on the body for selective movement in two mutually inclined planes relative to the body

CLASS 62A,

143393.

Int. Cl. D06 11/14

PROCESS FOR DESIZING FABRICS SIZED WITH TAMARIND KERNEL POWDER USING CELLULASE ENZYME.

Applicant THE INDIAN COUNCIL OF AGRICULTURAL RESEARCH OF ADENWALA ROAD, MATUNGA, BOMBAY 400019, MAHARASHTRA, INDIA.

Inventors DR SHRIDHAR MANGESH BETRABET, SHRI VINAYAK GHANSHAM KANDEPARKAR AND SMT SHAHA PRAKASH BHATAWDEKAR.

Application No 135/Bom/75 filed May 23, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch

6 Claims No drawings

A process for desizing fabrics, sized with tamarind kernel powder or low viscosity tamarind kernel powder using cellulose enzyme of *Penicillium funiculosum* (Isolate F4), the process comprising steps (a) treating the fabric with hot water, (b) soaking or padding the fabric in a mixture of 90 to 120 units of the above said cellulose enzyme and acetate buffer of pH 4.0 to 7.0 (c) incubating at 30°C to 60°C for 1/2 hr to 4 hr and (d) finally washing first with hot water and then with cold water

CLASS 32A

143394.

Int Cl C07d 37 18, C09b 15/00

PROCESS FOR THE PRODUCTION OF ACRIDONE COMPOUNDS

Applicant SANDOZ LTD., OF LICHTSTRASSE 35, 4002 BASLE, SWITZERLAND

Inventors RUDOLF ALIIPARMAKIAN & HANS BOHLER

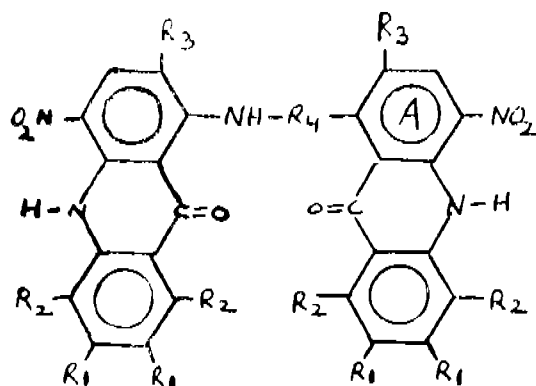
Application No 640/Cal/75 filed March 31, 1975

Convention date April 2, 1974 (14647/74) UK

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta

4 Claims

A process for the production of compounds of formula I



in which the R_1 's, independently each signify hydrogen, halogen, nitro, cyano, methyl alkoxy amino carbonyl alkyl-carbonyl-amino, benzoylamino, phenylamino-carbonyl, alkyl-amino or phenylamino,

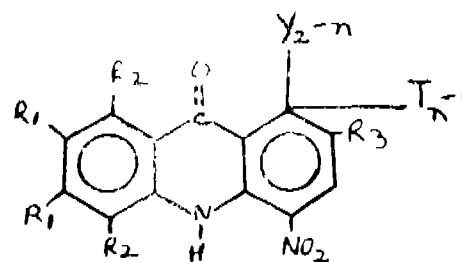
the R_4 s independently each signify hydrogen, halogen or methyl,

the R_3 's independently signify hydrogen or halogen, and R signifies a direct bond or a group $-R_5-NH$, in which imino group is bond to nucleus A, and R_5 signifies a 1, 3- or 1, 4-phenylene radical unsubstituted or substituted by up to two substituents selected from halogen, methyl, alkoxy and nitro; or a radical of the formula shown in Fig. I.

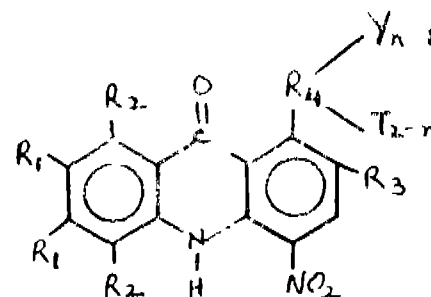


in which X signifies a direct bond, $-O-$, $-SO_2-$, $-N-N-$ or $-NHCO$ and rings B and C are unsubstituted or substituted

by up to two substituents selected from halogen, methyl, alkoxy and nitro, characterised by condensing a compound of formula II



in which the R_1 's, R_2 's and R_3 are as defined above, Y signifies an amino group, T signifies 1 or 2 and n signifies 1 or 2 with a compound of formula III.



in which the R_1 's, R_2 's, R_3 , Y, T and n are as defined above.

CLASS 86B

143395.

Int Cl A47c 19/04.

ADJUSTABLE HEIGHT BED

Applicant AVION AUSTRALIA PTY LTD. (FORMERLY KNOWN AS AVION MACKIE PTY. LTD.), OF 6 O'MALIEY STREET, OSBORNE PARK, IN THE STATE OF WESTERN AUSTRALIA, COMMONWEALTH OF AUSTRALIA

Inventor JOHN ANTHONY HOLLAND.

Application No 1311/Cal/75 filed July 5, 1975.

Convention date 12th July 1974 (PB 8188/74) Australia.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta

8 Claims

An adjustable height bed comprising a mattress supporting frame, two pairs of supporting legs rigidly attached to the frame, each leg having a lower portion provided with a telescopically extendable portion so that the height of the frame above the floor may be varied, an operating shaft rotatably mounted on or adjacent each pair of legs, two arms fixed to and projecting radially from each operating shaft, a link connecting each arm to the extendable portion of the associated pair of legs so that when a turning force is applied to the operating shafts to effect rotation thereof the height of the frame above the floor can be varied, and a counterbalancing spring having one end attached to the frame, the other end being operatively connected to the operating shafts to bias the legs to an extended position; wherein the biasing force of the spring applied to the operating shafts is sufficient to overcome the weight of the mattress supporting frame and at least a portion of the weight of an occupant of the bed

CLASS 155D

143396.

Int Cl B32b 5/22

LAMINATE FOR USE AS A STRUCTURE AND A METHOD FOR THE PRODUCTION THEREOF

Applicant DELTA TRUCK BODY COMPANY, INC., P.O. BOX 338, MONTGOMERYVILLE, PENNSYLVANIA 18936, USA

Inventors HYMAN WEINSTEIN AND KURT ADLER
Application No 1603/Cal/75 filed August 18, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims.

A laminate for use as a structural wall of a truck, trailer, van or intermodal container comprised of a consolidated unit having a layer of a high-impact, non-brittle, non-porous, weather-resistant acrylic composition such as herein defined to which is bonded a layer of resin, a ply of fiberglass embedded in and covered by said resin and plywood bonded to said resin on the side of said fiberglass opposite said layer of acrylic composition

CLASS 98G 143397.
Int. Cl.-F28d 7/00.

METHOD FOR UNIFORMLY HEATING A FLOWING SUBSTANCE, SUCH AS A LIQUID OR GAS

Applicant & Inventor TUOMO HAIJONEN OY, 37800 TOIJALA, FINLAND.

Application No 837 Cal/76 filed May 14, 1976

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

4 Claims

Method for uniformly heating a flowing substance such as a liquid or gas in a pipe system through which the substance to be heated is flowing characterised in that said flowing substance is heated by transfer thereto of heat generated in said pipe system by conducting electric current through said pipe system

CLASS 32F, & 40F. 143398.
Int. Cl.-C07b 3/00, C07c 149, 12.

OXIDATION OF SULPHUR-CONTAINING COMPOUNDS

Applicant UOP INC., AT IFN UOP PLAZA ALGONQUIN AND MT. PROSPECT ROADS, DES PLAINES, ILLINOIS, U.S.A.

Inventor ROBERT ROY FRAME.

Application No. 1343/Cal/76 filed July 27, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims. No drawings

A process for the oxidation of sulphur-containing compounds such as hereinbefore described which comprises the treatment of said sulphur-containing compounds with an oxygen-containing gas in a medium possessing a pH of from 8 to 14 in the presence of a catalyst system comprising a Group VIIIB metal phthalocyanine and a Group VIII metal phthalocyanine at oxidation conditions, and recovering the resultant oxidized sulphur-containing compound by known methods.

CLASS 136E & F. 143399
Int. Cl.-B29j 1/00.

IMPROVED PROCESS FOR PREPARING MOULDED ARTICLES FROM ASBESTOS CEMENT AND A MOULD THEREFOR

Applicant & Inventor RAMKUMAR PANT, 221, CHAHTARPUR, NEW DELHI-110030, INDIA, TRADING AS VIKRAM ENTERPRISE, OF P.O. GHITORNI, SULTANPUR, NEW DELHI-110030

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch

17 Claims

A method for manufacturing moulded articles from slurries made of cement and asbestos fibres which comprises preparing a slurry in water of asbestos and cement in the required proportions, pouring or injecting the slurry into a

space formed between two moulds, a male mould and a female mould, allowing the water to pass through the perforations provided in the walls of one of the moulds, if necessary applying necessary vacuum to enhance the dewatering operations thereby allowing the compacted material to form the desired shape in the said moulds, if desired applying pressure on any of the moulds to further compact the material followed by allowing the formed material to set in the said space and thereafter removing the said moulds.

CLASS 27I. 143400

Int. Cl.-E04c 1/00, E04b 5/48.

A VOID CREATING DEVICE AND A MODULAR CONCRETE BEAM STRUCTURE CONTAINING THE SAME

Applicant & Inventor ROBERT KELSOSTOUT, OF HAMBURGO 75, 9^o PISO, MEXICO D.F. 6, MEXICO.

Application No 2078/Cal/74 filed September 18, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

26 Claims.

A void creating device to be embedded in a concrete structure to define a labyrinth of passageways therein, characterized by comprising an elongated hollow member made of frangible material, said member having mutually opposed outwardly extending projections disposed intermediate the length thereof and extending normal to its length.

CLASS 18 & 161D. 143401.

Int. Cl.-E01c 5/12.

IMPROVEMENTS IN OR RELATING TO ROAD SURFACES.

Applicant DUNLOP LIMITED, OF DUNLOP HOUSE, RYDER STREET, ST. JAMES'S, LONDON SW1, ENGLAND.

Inventors GEOFFREY LEES, ARTHUR ROGER WILLIAMS AND ROBER BOND.

Application No 2238/Cal/74 filed October 5, 1974.

Convention date October 9, 1973/(47060/73) U.K.

Addition to No 31/72.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

5 Claims

A road surface comprising a blend of at least two aggregate materials disposed in a binder matrix and having different rates of wear as judged by the aggregate abrasion test BS 812 1967, each aggregate material comprising individual aggregate particles of a size such that they will be retained on a British standard 1/4 inch sieve, or its metric equivalent, and will pass through a British Standard 3/4 inch sieve, and having a surface microtexture defined by asperity heights in the range 5 to 500 microns the shortest distance between any two adjacent aggregate particles in the binder matrix being 1 to 6 mm and the texture depth of the aggregate particles in the binder matrix being between 1 and 5 mm.

CLASS 132-D 143402.

Int. Cl. C09k 3/28

A FUNCTIONAL FLUID COMPOSITION.

Applicant STAUFFER CHEMICAL COMPANY, OF WEST PORT, CONNECTICUT, UNITED STATES OF AMERICA

Inventors THEODORE ALAN MAROLFWSKI & PETER EDWARD TIMONY.

Application No 187/Cal/75 filed January 30, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

22 Claims.

A functional fluid composition comprising a mixture of
(1) a base stock material such as hereinbefore described and

(2) a low molecular weight polycrystalline of a $C_{12}-C_{18}$ dicarboxylic acid and a $C_{12}-C_{18}$ diol.

CLASS 32F_d & 83B.

143403.

Int Cl. C07c 143/00

A PROCESS FOR PREPARING NEW ACYL-PHENOXY-PROPANESULFOACIDS AND SALTS THEREOF.

Applicant CHINOIN GYOGYSZER ES VEGYESZETI TERMEKEK GYARA RT., OF 1-5 TO U, BUDAPEST IV, HUNGARY.

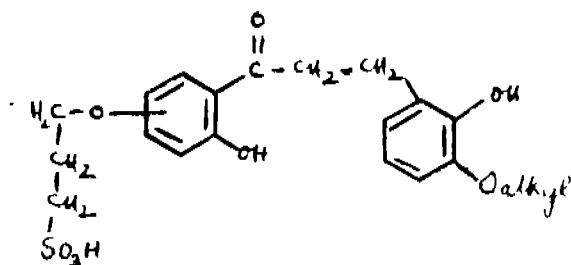
Inventors, DR LORAND FARKAS, (2) DR MIHALY NOGRADI, (3) DR TODOR PFLIEGEL, (4) SANDOR ANTUS, (5) DR AGNES GOTTSEGEN.

Application No 318/Cal/75 filed February 19, 1975.

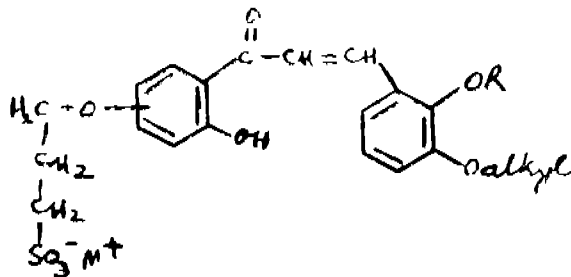
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A process for the preparation of a new acyl-phenoxy-propanesulfoacid of the general formula I.



wherein "alkyl" stands for a C_{1-18} alkyl group, or a salt thereof, in which a compound of the general formula II.



wherein "alkyl" stands for a C_{1-18} alkyl group, R stands for hydrogen or a protecting group capable of split off upon hydrogenolysis, and M^+ stands for a proton or another cation is reduced, in a conventional manner and, if desired, a compound of the general formula (1) is converted into its salt, or a salt of a compound of the general formula (1) is converted into the free acid or another salt thereof in a manner known *per se*.

CLASS 70C₁ & C₃ & 142

143404.

Int Cl-B01k 1/00

IMPROVEMENTS IN OR RELATING TO DECORATIVE ANODISING OF ALUMINIUM AND ITS ALLOYS IN ALKALINE ELECTROLYTES USING ALTERNATING CURRENT

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW-DELHI-1, INDIA

Inventors BALKUNJE ANANTHA SHENOI, VENKA TARAMAN BAI SUBRAMANIAN AND SUBBIAH JOHAN

Application No 916/Cal/75 filed May 8, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch

3 Claims No drawings.

An improved process for decorative electrolytic anodising of aluminium and its alloys in an aqueous alkaline solution characterised in that alternating current is used.

CLASS 32B & E.

143405.

Int Cl C08f 3/04.

METHOD FOR THE PREPARATION OF TERTIARY OLEFINS

Applicant, SNAMPROGETTI S.P.A., OF CORSO VENEZIA 16, MILAN, ITALY.

Inventors, RENATO TESEI, VITTORIO FATTORE AND FRANCO BUONOMO.

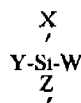
Application No. 1387/Cal/75 filed July 16, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims No drawings.

A method for the preparation of pure tertiary olefins from the corresponding ethers by catalytically splitting said ethers, said method comprising the steps of.

(a) reacting a silicon compound selected from among those corresponding to the general formula



wherein X, Y, Z and W can be -R, -OR, -Cl, -Br, -SiH₃, -COOR, -SiH₃Cl_m, R being hydrogen, alkyl, cycloalkyl, rayl, an alkyl or an alkyl-cycloalkyl radical having from 1 to 30 carbon atoms, such as methyl, ethyl, isopropyl, n-propyl, n-butyl, isobutyl, cyclohexyl, cyclopentyl, phenyl, phenyl-cyclohexyl, and alkyl-phenyl and n and m being integers from 1 to 3, with spheroidal gamma alumina up to a temperature of 600°C, an activated-alumina-based catalyst being thus obtained.

(b) introducing the thus-obtained catalyst into a reactor and

(c) causing a stream of a tertiary ether to flow through said reactor at a temperature of from 100°C and 250°C, under a pressure of from 1 to 10 Kilograms per square centimeter and at a spatial velocity comprised between 0.5 and 30 volumes of ether per volume of catalyst bed in an hour.

CLASS 84A & 139A.

143406.

Int Cl-C01b 31/02, C01b 2/14.

IN A PROCESS FOR THE PRODUCTION OF SYNTHESIS GAS BY PARTIAL OXIDATION, A METHOD FOR THE RECOVERY OF UNREACTED CARBON AND APPARATUS FOR THE SAME.

Applicant FOSLER WHEELER ENERGY CORPORATIONS, AT 110 SOUTH ORANGE AVENUE, LIVINGSTON, NEW JERSEY, U.S.A.

Inventor, ROBERT ANDREW MCCALLISTER

Application No 2012/Cal/75 filed October 16, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

13 Claims.

In a process for the production of synthesis gas by partial oxidation, a method for the recovery of unreacted carbon produced by reaction of fossil fuel and oxygen in a partial oxidation reactor comprising the steps of washing the effluent stream with water to remove unreacted carbon therefrom to produce a stream of clean synthesis gas and a stream of water and entrained carbon thereby recovering said unreacted carbon, concentrating the stream of recovered unreacted carbon and water formed during the cleaning step into a slurry of carbon and water containing 5 to 7 percent

by weight of carbon and producing a stream of relatively clean water substantially free of carbon, introducing said slurry into a vessel, mixing the slurry in said vessel with a fuel oil to produce a feed stream, then pumping the feed stream through a preheater and injecting the feed stream without vaporization, into the partial oxidation reactor

CLASS 60B & 76J

143407

Int Cl A44b 1/34

A SNAP FASTENER

Applicant & Inventor ARUMUGA NADAR CHELLADHURAI, OF THE BILL PRODUCTS COMPANY, BELI INDUSTRIAL ESTATE, PALAYAMKOTTAI, TIRUNELVELLI 627002 TAMIL NADU, INDIA

Application No 190/Mas/75 filed November 22, 1975

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch

2 Claims

A snap fastener comprising first and second members having on their faces, respectively, an aperture and a stud both being surrounded by perforations characterised in that the free end of the stud has a collar of girth slightly larger than the aperture and either the first member or the collar, or both, are sufficiently resilient to enable the collar to be manually pressed into the aperture to overlap and firmly rest against the rim of the aperture and thus simultaneously, lock the first and second members together, and also to enable the collar to be manually prised off the aperture to simultaneously unlock the first and second members

CLASS 70 C₆

143408

Int Cl B01k 1 00, C01b 7/06

ELECTROLYTIC APPARATUS

Applicant HOECHST AKTIENGESELLSCHAFT OF 6230 FRANKFURT/MAIN 80 FEDERAL REPUBLIC OF GERMANY

Inventors WERNER BENDER (2) DIETER BERGNER (3) KURI HANNESEN, (4) HELMUT HUND, (5) WILFRIED SCHULTE

Application No 1574 Cal/76 filed August 27, 1976

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta

10 Claims

Electrolytic apparatus for the production of chlorine from aqueous alkali metal chloride solution comprising at least one electrolytic cell consisting of a housing with equipment for the supply of the current for the electrolysis, for the supply of the starting products and for the discharge of the products of electrolysis, in which housing the anode and cathode are separated from each other by a separating wall, wherein

(a) the housing is composed of two hemispherical shells

(b) the electrodes are connected with the hemispherical shells by conductive bolts projecting through the wall of the hemispherical shells and the end faces of the bolts are in contact with current supply means and means to clamp together the current supply means the hemispherical shells the electrodes and the separating wall, and

(c) the separating wall is positioned between electrically insulating spacers mounted in the extension of the bolts on the electrolytically active side of the electrodes and clamped between the edges of the hemispherical shells by packing elements

CLASS 98G

143409

Int Cl F28d 13/00

SYSTEMS FOR TRANSFERRING HEAT

Applicant FMHART (UK) LIMITED OF CROMPTON ROAD WHEATLEY DONCASTER YORKSHIRE ENGLAND

Inventors STANLEY PETER JONES AND WILLIAM FERGUSON WATSON

Application No 602 Cal/77 filed April 21, 1977

Division of Application No 1420/Cal/75 filed July 22, 1974

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

3 Claims

A heat transfer system comprising first and second surfaces at different temperatures, a bed of fluidizable material in a cavity between the first and second surfaces, supply means for supplying gas to the cavity to form a fluidized bed from the fluidizable material and thereby to enable heat to be transferred between the first and second surfaces, and control means for alternately forming and collapsing the fluidized bed whereby the rate of transfer of heat between the first and second surfaces may be regulated

PATENTS SEALED

96033 140461 140983 141011 141035 141127 141133 141144 141158 141168 141171 141173 141174 141175 141176 141179 141180 141184 141186 141213 141226 141231 141237 141241 141243 141252 141374

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC (PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests —

90136 — M s Oronzio de Norma Impianti

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RENEWAL FEES PAID

84919 85018 85020 85216 85272 85283 85295 85791 90275 90537 90642 90685 90840 91262 93053 96097 96107 96108 96109 96110 96111 96249 96250 96258 96365 96412 96510 96512 96589 96628 96713 96823 97080 97703 97842 99650 102041 102336 102337 102380 102392 102409 102469 102537 102557 102609 102620 102791 107306 107667 107668 107709 107872 107918 107944 108175 108218 108269 108311 108495 108531 108537 108538 108648 108901 111232 112630 112848 112961 112937 113008 113025 113044 113050 113113 113209 113219 113252 113351 113381 113382 113584 113626 113774 114233 117273 118238 118239 118275 118328 118336 118416 118456 118458 118461 118463 118510 118528 118539 118543 118566 118581 118753 118779 119054 119131 119174 119213 122728 123834 123835 123908 123933 123972 123973 123995 124074 124132 124162 124180 124199 124219 124220 124222 124236 124240 124275 124349 124377 124567 124621 124622 124623 124624 124625 125130 125131 125132 125323 128954 128979 129042 129095 129125 129126 129141 129162 129225 129257 129304 129367 129400 129403 129518 129618 132629 133133 133239 133434 133477 133542 133545 133561 133578 133655 133678 133683 133684 133710 133733 133734 133738 133783 133797 133798 133799 133910 133912 134003 134146 134280 135606 135690 135935 136186 136462 136611 136725 136775 136867 136897 136945 137137 137608 137627 137654 137844 137872 138109 138115 138391 138496 138507 138559 138868 139031 139078 139163 139177 139192 139384 139694 139712 139854 139891 139905 140085 140144 140148 140165 140228 140278 140305 140316 140411 140491 140492 140498 140507 140582 140620 140634 140658 140672 140681 140700 140702 140709 140721 140735 140739 140773 140843 140855

140857 140859 140860 140862 140868 140870 140872 140876
140881 140882 140884 140890 140895 140902

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

- Class 1 No 145331 Dharnee Metal Industry, an Indian Registered Partnership Firm, at 5/1, Patil Bros Industrial Estate, Baram Patil Road, Khari Village, Bhayandar (East), Dist Thana, Maharashtra, India "Setter" March 10, 1977
- Class 1 No 145332. Prakash Moreshwar Mahabal and Shriganesh Moreshwar Mahabal, both being Indian Citizens and both of 4, Rupali Housing Society, Dixit Road Extension, Vileparle (East) Bombay 400057, Maharashtra, India "Helmet Cover" March 10, 1977
- Class 1 No 145403 Tractel Tnfor India Private Limited, 15, Ganesh Chandra Avenue, Calcutta 700013, West Bengal, an Indian Private Ltd Company. "Ratchet Lever Hoist" April 1st 1977
- Class 1 No 145404 Kisan Kumar Agarwal, Indian National, of Agrawal Products, 66, Balbhat Road, Goregaon (East) Bombay 400063, Maharashtra, India "Shower Bath Apparatus" April 1st, 1977
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- Class 1 No. 145451 M/s. Punjab Metals, 306, Lotus House, 33 A, Sri Vithaldas Thackersey Marg, Bombay-400020, Maharashtra, India, an Indian Proprietary firm "Tea Strainers". April 15, 1977
- Class 1 No 145458 Blue Steel Engineers Private Limited (a private limited company incorporated under the Indian Companies Act) at 144, A Z Industrial Estate, Feigerson Road, Bombay 400013, Maharashtra, India "Test Bar" April 19, 1977
- Class 1. No 145483 Rex Auto Products, 3060 Bahadurgarh Road Delhi (An Indian Partnership Concern), India "Mirror" April 25, 1977
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- Class 3 No 145181 Nandan Prabhakar Gadgil, Indian National of 'Kushi' 1144, Shukrawar Peth, Pune 411002, State of Maharashtra, India "Embossing Gun" February 2 1977
- Class 3 No 145461 Bright Brothers Limited, a Company Incorporated in India, 156A, Tardeo Road, City of Bombay, State of Maharashtra, India "Stoppers" April 19, 1977
- Class 3 No 145490 Lakme Limited of Bombay House, 24, Horni Mody Street, Bombay 400023, Maharashtra, India, an Indian Company "Compact" April 28, 1977

S VFDARAMAN
Controller-General of Patents Designs and
Trade Marks

